

Andri Baltensweiler

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,184
citations

516710

16
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

1990
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of digital soil mapping approaches with large sets of environmental covariates. <i>Soil</i> , 2018, 4, 1-22.	4.9	167
2	Spatially distributed hydrotope-based modelling of evapotranspiration and runoff in mountainous basins. <i>Hydrological Processes</i> , 1999, 13, 2751-2768.	2.6	165
3	Alternative tree species under climate warming in managed European forests. <i>Forest Ecology and Management</i> , 2018, 430, 485-497.	3.2	119
4	Remotely sensed forest structural complexity predicts multi species occurrence at the landscape scale. <i>Forest Ecology and Management</i> , 2013, 307, 303-312.	3.2	99
5	Testing species assemblage predictions from stacked and joint species distribution models. <i>Journal of Biogeography</i> , 2020, 47, 101-113.	3.0	88
6	Environmental predictors of species richness in forest landscapes: abiotic factors versus vegetation structure. <i>Journal of Biogeography</i> , 2016, 43, 1080-1090.	3.0	70
7	Tree mortality in an unmanaged mountain pine (<i>Pinus mugo</i> var. <i>uncinata</i>) stand in the Swiss National Park impacted by root rot fungi. <i>Forest Ecology and Management</i> , 2001, 145, 79-89.	3.2	57
8	Disentangling the effects of climate, topography, soil and vegetation on stand-scale species richness in temperate forests. <i>Forest Ecology and Management</i> , 2015, 349, 36-44.	3.2	56
9	Assessing the response of forest productivity to climate extremes in Switzerland using model-data fusion. <i>Global Change Biology</i> , 2020, 26, 2463-2476.	9.5	54
10	Estimating soil organic carbon stocks of Swiss forest soils by robust external-drift kriging. <i>Geoscientific Model Development</i> , 2014, 7, 1197-1210.	3.6	42
11	Climate Change Impairs Nitrogen Cycling in European Beech Forests. <i>PLoS ONE</i> , 2016, 11, e0158823.	2.5	42
12	High-resolution remote sensing data improves models of species richness. <i>Applied Vegetation Science</i> , 2013, 16, 539-551.	1.9	36
13	Terrestrial laser scanning improves digital elevation models and topsoil pH modelling in regions with complex topography and dense vegetation. <i>Environmental Modelling and Software</i> , 2017, 95, 13-21.	4.5	35
14	Fine-scale genetic structure of natural <i>Tuber aestivum</i> sites in southern Germany. <i>Mycorrhiza</i> , 2016, 26, 895-907.	2.8	27
15	Spatial modelling of ecological indicator values improves predictions of plant distributions in complex landscapes. <i>Ecography</i> , 2020, 43, 1448-1463.	4.5	27
16	Estimating below-canopy light regimes using airborne laser scanning: An application to plant community analysis. <i>Ecology and Evolution</i> , 2019, 9, 9149-9159.	1.9	22
17	Distribution and habitat requirements of red wood ants in Switzerland: Implications for conservation. <i>Biological Conservation</i> , 2017, 212, 366-375.	4.1	18
18	Microtopography shapes soil pH in flysch regions across Switzerland. <i>Geoderma</i> , 2020, 380, 114663.	5.1	17

#	ARTICLE	IF	CITATIONS
19	Machine learning based soil maps for a wide range of soil properties for the forested area of Switzerland. <i>Geoderma Regional</i> , 2021, 27, e00437.	2.1	16
20	LiDAR data as a proxy for light availability improve distribution modelling of woody species. <i>Forest Ecology and Management</i> , 2020, 456, 117644.	3.2	11
21	Modellierte Verbreitungskarten für die häufigsten Gehölzarten der Schweiz. <i>Schweizerische Zeitschrift Für Forstwesen</i> , 2021, 172, 226-233.	0.1	3
22	Web-based Exploration of Environmental Data and Corresponding Metadata, in Particular Lineage Information. <i>Advanced Information and Knowledge Processing</i> , 2004, , 127-132.	0.3	3
23	The distribution of a group of keystone species is not associated with anthropogenic habitat disturbance. <i>Diversity and Distributions</i> , 2021, 27, 572-584.	4.1	2
24	Räumlich explizite Modellierung der NAI-Standorttypen zur Analyse der Waldbestockung. <i>Schweizerische Zeitschrift Für Forstwesen</i> , 2021, 172, 278-285.	0.1	1
25	A Large-scale, Long-term view on Collecting and Sharing Landscape Data. <i>Landscape Series</i> , 2007, , 93-111.	0.2	1
26	Modellierung des Einflusses von Wildverbiss auf die Schutzwaldentwicklung an der Rigi-Nordlehne Modelling the impact of ungulate browsing on the development of the protective forests of the Rigi-Nordlehne. <i>Schweizerische Zeitschrift Für Forstwesen</i> , 2011, 162, 1-9.	0.1	0
27	Modellierung des Einflusses von Wildverbiss auf die Schutzwaldentwicklung an der Rigi-Nordlehne. <i>Schweizerische Zeitschrift Für Forstwesen</i> , 2011, 162, 355-363.	0.1	0